Procedure with the CLI

After the Initial configuration, proceed to the steps described in this section.

Configure the sensor application

without SSD

✎

Note   In this section, "CCVSensor" is used as the appid.

Procedure

Step 1   Connect to the Cisco IR8340 through SSH or a console.

Step 2   Configure the application payload by typing the following commands:

```
enable
configure terminal
app-hosting appid CCVSensor
  app-vnic gateway0 virtualportgroup 1 guest-interface 0
    guest-ipaddress 169.254.0.2 netmask 255.255.255.252
  app-vnic gateway1 virtualportgroup 0 guest-interface 1
     guest-ipaddress 169.254.1.2 netmask 255.255.255.252
   app-vnic AppGigabitEthernet trunk
     vlan 2340 guest-interface 3
       guest-ipaddress 169.254.2.2 netmask 255.255.255.252
  app-default-gateway 169.254.0.1 guest-interface 0
  app-resource docker
    run-opts 1 "--tmpfs /tmp:rw,size=512m"
end
```

with SSD

> ✎
>
> **Note** In this section, "CCVSensor" is used as the appid.

Procedure

Step 1 Connect to the Cisco IR8340 through SSH or a console.

Step 2 Configure the application payload by typing the following commands:

```
enable
configure terminal
app-hosting appid sensor
  app-vnic AppGigabitEthernet trunk
    vlan 2340 guest-interface 3
     guest-ipaddress 169.254.2.2 netmask 255.255.255.252
  app-vnic gateway0 virtualportgroup 1 guest-interface 0
    guest-ipaddress 169.254.0.2 netmask 255.255.255.252
  app-vnic gateway1 virtualportgroup 0 guest-interface 1
    guest-ipaddress 169.254.1.2 netmask 255.255.255.252
  app-default-gateway 169.254.0.1 guest-interface 0
  app-resource docker
    run-opts 1 -rm
  app-resource profile custom
    cpu 3465
    memory 4096
    persist-disk 8192
    vcpu 2
end
```

Install the sensor application

The sensor package needs to be collected from cisco.com. The file has the following name structure:

CiscoCyberVision-IOx-x86-64-<version>.tar.

1. Copy the package to a USB key or in the flash memory.

2. Type the following command on the Cisco IR8340's CLI:

```
app-hosting install appid CCVSensor package
usbflash0:CiscoCyberVision-IOx-x86-64-4.1.0.tar
```

```
IR110CCV#
IR110CCV#app-hosting install appid CCVSensor package usbflash0:CiscoCyberVision-IOx-aarch64-3.1.0-RC4.tar
Installing package 'usbflash0:CiscoCyberVision-IOx-aarch64-3.1.0-RC4.tar' for 'CCVSensor'. Use 'show app-hosting list' f
or progress.

IR110CCV#
```

Note Adjust "usbflash0:" in accordance with the sensor package's localization (USB port or flash memory).

Note Replace "CiscoCyberVision-IOx-x86-64-4.1.0.tar" with the right filename.

3. Check that the application is in DEPLOYED state:

```
show app-hosting list
```

```
IR110CCV#
IR110CCV#show app-hosting list
App id                                       State
-----------------------------------------------------
CCVSensor                                    DEPLOYED

IR110CCV#
```

4. Activate the application using the following command:

```
app-hosting activate appid CCVSensor
```

```
IR110CCV#
IR110CCV#app-hosting activate appid CCVSensor
CCVSensor activated successfully
Current state is: ACTIVATED

IR110CCV#
```

5. Start the application using the following command:

```
app-hosting start appid CCVSensor
```

```
IR110CCV#
IR110CCV#app-hosting start appid CCVSensor
CCVSensor started successfully
Current state is: RUNNING
IR110CCV#
```

Copy the sensor application's provisioning package

- Copy the provisioning package from the USB key to the application by typing the following command:

```
app-hosting data appid CCVSensor copy usbflash0:sbs-sensor-config-<serialnumber>.zip
sbs-sensor-config-<serialnumber>.zip
```

```
IR110CCV#
IR110CCV#$ data appid CCVSensor copy usbflash0:sbs-sensor-config-FCW23500HDC.zip sbs-sensor-config-FCW23500HDC.zip
Successfully copied file /usbflash0/sbs-sensor-config-FCW23500HDC.zip to CCVSensor as sbs-sensor-config-FCW23500HDC.zip
IR110CCV#
```

The sensor will appear as Connected in Cisco Cyber Vision's Sensor Explorer page.

Copy the sensor application's provisioning package

☐	▭ FCW2445P6X5	192.168.49.21	4.1.0+202202151440	Connected	Pending data	Enabled	4 days